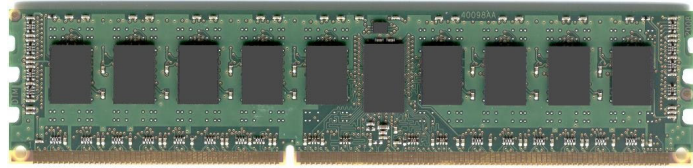


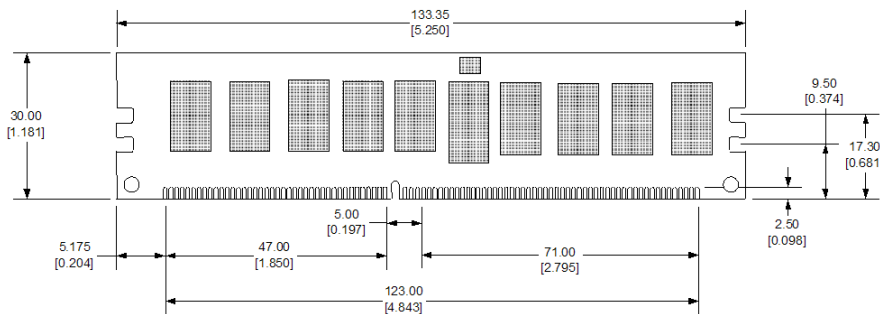
### Products in Family

GRH890I2/4GB (2 x 2GB 2Rx8 DIMMs)  
 GRH890I2/8GB (2 x 4GB 1Rx4 DIMMs)  
 GRH890I2/16GB (2 x 8GB 2Rx4 DIMMs)  
 GRH890I2/32GB (2 x 16GB 4Rx4 DIMMs)



Features		Description
240-pin JEDEC-compliant DIMMs 133.35 mm wide by 30 mm high (1.181" x 5.25") Data Transfer Rate: 10.6 Gigabytes/sec Operating Voltage: 1.5 V $\pm 0.075$ Fully RoHS Compliant Thermal Sensor		Each GRH890I2 upgrade consists of a single DDR3-1333 Registered ECC DIMM that conforms to JEDEC's DDR3, PC3-10600 standard (the 32GB upgrade is DDR3-1066, PC3-8500). One 2K-bit EEPROM is used for Serial Presence Detect and a combination register/PLL with Address and Command Parity is also used. A thermal sensor accurately monitors the DIMM module and can prevent exceeding the maximum operating temperature of 95C.
Dataram Product	HP Product	Supported in these HP systems:
GRH890I2/4GB GRH890I2/8GB GRH890I2/16GB GRH890I2/32GB	AM326A AM327A AM328A AM363A	HP Integrity BL860c i2, BL870c i2, BL890c i2  <i>Note: The 4GB upgrade is available for the BL860c i2 only.</i>

### Front view

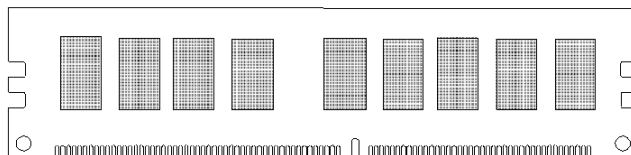


### Notes

Tolerances on all dimensions except where otherwise indicated are  $\pm .13$  (.005).

All dimensions are expressed in millimeters [inches]

### Back view



### Side view

